

Maaz Naqvi

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EDUCATION

Arizona State University | Tempe, AZ

August 2022 - April 2026

BS in Computer Science

Relevant Courses: Data Structures & Algorithms, Object Oriented Programming, Analytical Programming, System Design, Computer Organization, Computer Networks, Discrete Mathematics and Statistics

University of Austin Texas | Austin, TX

PostGraduate Certificate, Cloud Computing

September 2023 - March 2024

Relevant Courses: Introduction to Cloud Computing, Cloud Infrastructure and Architecture, Cloud Security

PROJECT EXPERIENCE

ASU Sponsored Autonomous Self-Driving Car

Aug 2022 - Jan 2023

- Spearheaded a collaborative team of four to design and code an autonomous vehicle, focusing on self-navigation and decision-making capabilities.
- Leveraged MATLAB for the development of robust navigation and decision-making algorithms. Utilized GitHub and other third-party resources to enhance project execution and version control.
- Demonstrated proficiency in identifying and resolving challenges within a resource-constrained environment, showcasing strong engineering skills and innovative problem-solving approaches.
- Oversaw the integration of various third-party tools and technologies, ensuring seamless interoperability and functionality of the autonomous vehicle system, with MATLAB playing a crucial role in development.

AWS Cloud Infrastructure Optimization and Management

Sep 2023 - Jan 2024

- Designed and implemented the user interface using HTML and CSS, ensuring a clean and responsive design compatible with various devices.
- Utilized JavaScript to integrate with a world time API, fetching and displaying real-time data for selected cities.
- Developed functions to update time zones dynamically, improving user experience.

Web Portfolio Development

May 2024 - July 2024

- Designed and developed a responsive, dynamic web portfolio to showcase projects, skills, and accomplishments using modern web development practices.
- Utilized HTML5 and CSS3 to create a clean, user-friendly layout, ensuring compatibility across different devices and browsers.
- Implemented Bootstrap for a mobile-first, responsive design, ensuring seamless navigation on mobile, tablet, and desktop platforms.
- Deployed the portfolio using Git for version control, enabling continuous updates and modifications.

PROFESSIONAL EXPERIENCE

Academic Instructor | MASJID UMAR | Tempe, AZ

Sept 2022 - Present

- Actively engage in educating children within a supportive environment. Foster a sense of community and provide religious education. Serve as a positive influence in children's development through academic instruction and mentorship.

TECHNICAL SKILLS

Languages: Python, MATLAB, HTML, CSS, JavaScript, C, C++, Java

Frameworks: Bootstrap, TailwindCSS

Developer Tools: Git, GitHub, MATLAB, VSCode

Database: NoSQL, SQL